

## REMARKS

Reconsideration and allowance of the subject application are respectfully solicited.

Claims 101 through 133 are pending, with Claims 101, 104, 110, 111, 112, 115, 121, 122, 123, 124, 125, 129, and 133 being independent. Claims 100 through 120 and 123 through 133 were allowed. Claims 121 and 122 have been amended.

Claims 121 and 122 were rejected under 35 U.S.C. § 101 on the grounds that the claims are directed to a computer program product that is not tangibly embodied in a manner so as to be executable. All rejections are respectfully traversed, and are submitted to have been obviated by the amendment of those claims to recite that the product is embodied in a medium so as to be executable by an apparatus. Applicant submits that the claims plainly fall within one of the four enumerated categories of patentable subject matter recited in 35 U.S.C. § 101 (process, machine, manufacture or composition of matter), and do not recite do not recite abstract ideas, laws of nature, or natural phenomena; accordingly, they are patentable. See Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility, [www.uspto.gov/web/offices/pac/dapp/opla/preognotice/guidelines101\\_20051026.pdf](http://www.uspto.gov/web/offices/pac/dapp/opla/preognotice/guidelines101_20051026.pdf), October 26, 2005. Favorable consideration is earnestly solicited.

The dependent claims are also submitted to be patentable because they set forth additional aspects of the present invention and are dependent from independent claims discussed above. Therefore, separate and individual consideration of each dependent claim is respectfully requested.

Applicant submits that this application is in condition for allowance, and a Notice of Allowance is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,



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